

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ACETIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Linum usitatissimum</i>	Seed	3105.0	3853.0	-0.45177356521117334	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Croton tiglium</i>	Seed	1800.0	3000.0	-0.9346844062201093	--
<i>Theobroma cacao</i>	Seed	1520.0	7100.0	1.3864579714312821	--
<i>Vitis vinifera</i>	Fruit	1500.0	2000.0	-0.06645757225743394	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Myrtus communis</i>	Plant	0.0	1.0	-0.6988076937022064	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Abelmoschus moschatus</i>	Seed				Wealth of India.
<i>Malus domestica</i>	Plant				--
<i>Hedeoma pulegioides</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ocimum tenuiflorum</i>	Plant				--
<i>Juniperus communis</i>	Fruit		9000.0	1.951794238179258	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Datura stramonium</i>	Plant				--
<i>Coriandrum sativum</i>	Fruit		1.0	-0.6428126249807119	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Eriodictyon californicum</i>	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Telosma cordata</i>	Flower		2610.0		K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of <i>Telosma cordata</i> Merrill flowers, Flavour Fragr. J., Vol 8, 221-223.
<i>Ocimum gratissimum</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Hibiscus sabdariffa</i>	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Hibiscus sabdariffa</i>	Seed				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Prunus cerasus</i>	Fruit				--
<i>Ribes rubrum</i>	Fruit				--
<i>Acacia decurrens</i>	Plant				--
<i>Mentha arvensis</i> var. <i>piperascens</i>	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Pyrus communis</i>	Plant				--
<i>Thuja occidentalis</i>	Branches				--
<i>Saussurea lappa</i>	Root Essent. Oil				--
<i>Pelargonium graveolens</i>	Essential Oil				--
<i>Citrus paradisi</i>	Fruit				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Citrus limon</i>	Essential Oil				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Acinos suaveolens</i>	Shoot		100.0		Jim Duke's personal files.
<i>Arctium lappa</i>	Plant				--
<i>Ginkgo biloba</i>	Pollen Or Spore				Jim Duke's personal files.
<i>Allium cepa</i>	Bulb				Wilkens, W. F. 1964. Isolation and Identification of the Lachrymogenic Compound of Onion. Cornell Univ., Agr. Expt. Sta. Mem. No., 385: 31 pp.
<i>Ocimum basilicum</i>	Essential Oil				--
<i>Veratrum album</i>	Rhizome				--
<i>Tamarindus indica</i>	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Scutellaria baicalensis</i>	Root Essent. Oil				--
<i>Zingiber officinale</i>	Rhizome Essent. Oil				--
<i>Apium graveolens</i>	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Centaurea cyanus</i>	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Vaccinium myrtillus</i>	Fruit Juice		0.32	-0.999999999999999	--
<i>Panax quinquefolius</i>	Plant		126.0	1.414181220491693	--
<i>Viburnum opulus</i>	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Lycopersicon esculentum</i>	Fruit				--
<i>Vitis vinifera</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Aspalathus linearis</i>	Plant				--
<i>Valeriana officinalis</i>	Root				--
<i>Abelmoschus moschatus</i>	Plant				--
<i>Capsicum annuum</i>	Fruit				--
<i>Cinnamomum camphora</i>	Plant				--
<i>Cananga odorata</i>	Flower				--
<i>Cimicifuga racemosa</i>	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<i>Mentha spicata</i>	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Ribes uva-crispa</i>	Fruit				--
<i>Kalanchoe pinnata</i>	Plant				Tramil
<i>Ribes nigrum</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Mentha x piperita</i>	Plant				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Urtica dioica</i>	Plant				--
<i>Viburnum prunifolium</i>	Bark				--
<i>Rosa canina</i>	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Hibiscus sabdariffa</i>	Calyx				--
<i>Glycine max</i>	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Veratrum viride</i>	Rhizome				--
<i>Anamirta cocculus</i>	Fruit				--
<i>Aloysia citrodora</i>	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Borago officinalis</i>	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Avena sativa</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ficus carica</i>	Fruit Juice				Shiraishi, S. C., Kawakami, K., Widodo, S. E., Shiraishi, M., Kitazaki, M. 1996. Organic acid profiles in the juice of fig fruits. Journal of the Faculty of Agriculture Kyushu University, 41(1-2): 29-33.
<i>Prunus armeniaca</i>	Essential Oil				--
<i>Zingiber officinale</i>	Rhizome				--
<i>Neurolaena lobata</i>	Plant				--
<i>Chrysanthemum x morifolium</i>	Flower				Wealth of India.
<i>Ananas comosus</i>	Fruit		0.49	-0.6429596690411867	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Morus alba</i>	Leaf				--
<i>Actaea racemosa</i>	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
<i>Peucedanum ostruthium</i>	Root				--
<i>Haematoxylum campechianum</i>	Wood				ANON. 1948-1976. <i>The Wealth of India raw materials</i> . Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Panax ginseng</i>	Shoot				--
<i>Laurus nobilis</i>	Leaf				Lawrence, B.M., <i>Essential Oils 1976-1977</i> , <i>Essential Oils 1978</i> , <i>Essential Oils 1979-1980</i> .
<i>Viburnum opulus</i>	Root Bark				--
<i>Borago officinalis</i>	Plant				--
<i>Valeriana jatamansi</i>	Root				List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Commiphora myrrha</i>	Resin, Exudate, Sap				--
<i>Glycyrrhiza glabra</i>	Root		2.0		--
<i>Cymbopogon martinii</i>	Plant				List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Polygonum hydropiper</i>	Plant				--
<i>Musa x paradisiaca</i>	Fruit				Rizk, A.F.M. and Al-Nowaihi, A.S., <i>The Phytochemistry of the Horticultural Plants of Qatar</i> , Scientific and Applied Research Centre, University of Qatar.
<i>Coriaria thymifolia</i>	Plant				--
<i>Mentha spicata</i>	Essential Oil				--
<i>Trifolium pratense</i>	Root				--
<i>Rubus idaeus</i>	Plant				--
<i>Trifolium pratense</i>	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Ephedra sinica</i>	Shoot				--
<i>Helichrysum angustifolium</i>	Plant				--
<i>Akebia quinata</i>	Seed				--
<i>Camellia sinensis</i>	Plant				--
<i>Levisticum officinale</i>	Root				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Prunus persica</i>	Fruit				--
<i>Myristica fragrans</i>	Seed Essent. Oil				--
<i>Menyanthes trifoliata</i>	Plant				Madaus, G. 1976. Lehrbuch der Biologischen Hilfsmittel. Vol., 1-3. 2862 pp. (+ 144 p. index). Georg Olms Verlag, Hildesheim. Reprint of 1938 Madaus.
<i>Acacia melanoxylon</i>	Plant				--
<i>Ginkgo biloba</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Vaccinium corymbosum</i>	Fruit Juice		0.7	0.999999999999999	--
<i>Aesculus hippocastanum</i>	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Eruca sativa</i>	Hs				--
<i>Gleditsia triacanthos</i>	Seed				--
<i>Morinda citrifolia</i>	Plant		0.02	-0.7153735267894865	--
<i>Lavandula x intermedia</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Myristica fragrans</i>	Seed				--
<i>Thymus mastichina</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Sterculia urens</i>	Gum				--

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Citrus aurantium	Flower				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Citrus aurantium	Plant				--
Nicotiana tabacum	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Elettaria cardamomum	Fruit				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Monarda fistulosa	Essential Oil				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
Digitalis purpurea	Leaf				--
Mentha pulegium	Essential Oil				--
Melia azedarach	Fruit				--
Erythroxylum zambesianum	Root				--
Tagetes minuta	Essential Oil				--
Rosmarinus officinalis	Resin, Exudate, Sap				--
Capsicum frutescens	Resin, Exudate, Sap				--
Rheum rhabarbarum	Pt				--
Citrus sinensis	Plant				--
Vanilla planifolia	Fruit	151.0	-0.5995643718999257		--
Schoenocaulon officinale	Seed				--
Astragalus gummifer	Gum	25000.0			--